

REMARKS

Claims 1, 6 and 79-83 are pending in the application. Claims 7-10 have been canceled and claim 1 has been amended. Support for the amendments to claim 1 can be found in the specification, *e.g.* on page 1, line 27 to page 2, line 8, page 8, lines 10-15, page 9, line 29 to page 10, line 10, page 32, line 5 to page 33, Table 1. No new matter has been added.

Examiner Interview

Applicants thank the Examiner for the telephonic interview with the Applicants on April 21, 2005 discussing the proposed amendment faxed to the Examiner in an informal communication on April 17, 2005. The Examiner suggested to Applicants to leave reference to deletion mutations and their linkage to a dominant drug resistant marker, and to replace reference to one of the input arrays with reference to a test strain in claim 1. Applicants have amended claim 1 as suggested by the Examiner.

Claims rejections

Rejections under 35 U.S.C. § 112

Written Description

The Examiner has maintained the rejection of claims 1, 6-10, and 79-83 under 35 U.S.C. § 112, first paragraph for lack of written description. Without acceding to the propriety of the Examiner's position, and in order to expedite prosecution, Applicants have amended claim 1 to specify that at least one of the input arrays comprises mutations in the yeast *bnl1*, *arc40*, *bim1*, *sgs1*, *bbc1*, *arp2*, *nbp2*, or *rad27* genes and at least one of the input arrays comprises one or more of the 4,644 non-lethal gene mutations in *Saccharomyces cerevesiae* as described on page 32, lines 5-6 and 28-29 of the instant specification. As the Examiner has acknowledged in the June 18, 2003 Office Action on page 4-5, written description has been satisfied for such output arrays. Therefore, Applicants respectfully request that this § 112 written description rejection be withdrawn.

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U.S.S.N. 09/930,593

CONCLUSION

Applicants submit that the claims as here amended put the application in condition for allowance, and such action is respectfully requested. Should any questions or issues arise concerning the application, the Examiner is invited and encouraged to contact the undersigned at the telephone number provided below.

Respectfully submitted,



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